Converting Colors

RGB(247, 255, 206)

Have a look what the booklet for RGB(247, 255, 206) contains.

Color

RGB(247, 255, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFCE
RGB	247, 255, 206
RGB Percent	97%, 100%, 81%
CMY	0.0314, 0.0000, 0.1922
CMYK	0.03, 0.00, 0.19, 0.00
HSL	70°, 100%, 90%
HSV	70°, 19%, 100%
XYZ	85.2584, 95.7504, 72.3806
YIQ	247.0220, 10.9610, -16.9350

Conversions

Conversions Part 2

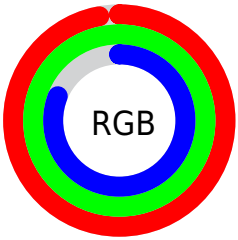
Format	Color
RYB	206, 255, 214
Decimal	16252878
CIELab	98.33, -10.60, 22.58
CIELCh	98, 24.943, 115.160
Yxy	95.7504, 0.3365, 0.3779
Android (android.graphics.Color)	4294442958 (0xFFF7FFCE)
YUV	247.0220, -20.2238, -0.0193
Hunter-Lab	97.8521, -15.7146, 24.6401

Details

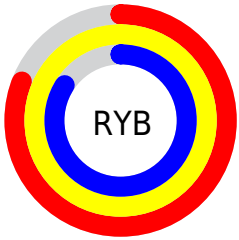
The RGB color 247, 255, 206 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 214, 206, 255, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 190, 198, 152 is the 20% darker color. If you saturate the color by 10%, you get 243, 255, 180, and if you desaturate by 10%, it is 251, 255, 232.

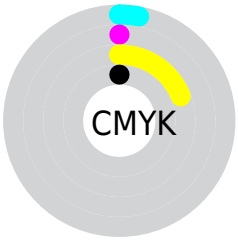
Distribution



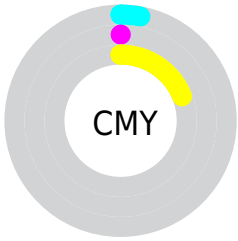
- Red (97%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 255, 206 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 247, 255, 206 by changing the saturation by 10% instead.

247, 255, 206

255, 255, 255

247, 255, 206

218, 226, 178

190, 198, 152

163, 171, 125

137, 145, 100

111, 119, 76

86, 94, 53

62, 71, 31

40, 48, 8

18, 28, 0

247, 255, 206

243, 255, 180

239, 255, 155

235, 255, 130

230, 255, 104

226, 255, 79

222, 255, 53

218, 255, 27

214, 255, 2

213, 255, 0

247, 255, 206

251, 255, 232

255, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

255, 247, 202

247, 255, 206

219, 255, 222

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

247, 255, 206

192, 255, 255

255, 233, 255

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

247, 255, 206

214, 206, 255

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

255, 238, 255

247, 255, 206

217, 254, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

247, 255, 206

184, 255, 255

250, 245, 255

255, 234, 231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

247, 255, 206

203, 255, 237

250, 245, 255

255, 234, 255

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

247, 255, 206

253, 255, 240

255, 213, 206

126, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

247, 255, 206

245, 255, 196

223, 255, 206

125, 128, 115

160, 191, 0

53, 64, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

214, 206, 255

206, 196, 255

238, 206, 255

117, 115, 128

31, 0, 191

10, 0, 64

Previews

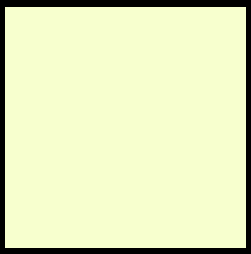
White Background

This preview shows how the RGB color 247, 255, 206 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



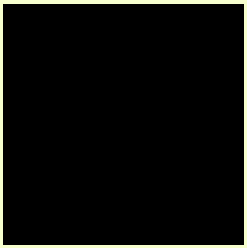
This preview shows how the RGB color 247, 255, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 247, 255, 206 Background



This preview shows how black text looks on a background with the RGB color 247, 255, 206.

This preview shows how white text looks on a background with the RGB color 247, 255, 206.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
247, 255, 206

Protanopia
255, 250, 236

Deuteranopia
255, 249, 246

Tritanopia
252, 249, 255

Trichromacy

Original Color
247, 255, 206

Protanomaly
252, 252, 225

Deuteranomaly
252, 251, 231

Tritanomaly
250, 251, 237

Monochromacy

Original Color
247, 255, 206

Achromatopsia
247, 247, 247

Achromatomaly
247, 250, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 255, 206 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(247, 255, 206) looks like.

```
.text, #text, p{
    color:rgb(247, 255, 206)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(247, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 206) }
```

Border

The CSS property to change the border of an element to RGB 247, 255, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 255, 206) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 255, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 255, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 255, 206); box-shadow:4px 4px 4px 4px rgb(247, 255, 206) }
```

Background

The CSS property to change the background color of an element to RGB 247, 255, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 255, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(247,
255, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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